Intellectual Property Administration ATTORNEY DOCKET NO. 200313596-1

Box 272400 ins, Colorado 80527-2400

IN THE

UNITED STATES PATENT AND TRADEMARK OFFICE

Hanks

Confirmation No.:

Application No.: 10/661,752

Examiner:

Filing Date:

09/12/2003

Group Art Unit:

Title:

Optical Disk Drive Focusing Apparatus

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

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This Information Disclosure Statement is submitted:

- (x) under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last) () under 37 CFR 1.97 (c) together with either a: () Statement under 37 CFR 1.97(e), or () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1) or (2), and
 - () a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit:	
() I hereby certify that this paper is being transmitted to the Patent and Trademark Office	
facsimile number on on	

Respectfully submitted,

David S. Thompson

Attorney/Agent for Applicant(s) Reg. No. 37.954

Date: 11/18/03

Telephone No.: (509) 324-9256

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Typed Name: Carlin Taylor

Signature:

PATENT APPLICATION

Sheet 1 of 4

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4,967,286	10/30/1990	Nomula et al.	
	1B	5,398,231	03/14/1995	Shin et al.	
	1C	5,498,509	03/12/1996	Shin et al.	3.
	1D	5,608,717	03/04/1997	Ito et al.	
	1E	5,608,718	03/04/1997	Schiew e	1.5
	1F	5,627,895	05/06/1997	Owaki	4.5
,	1G	5,675,570	10/07/1997	Ohira et al.	
	1H	5,688,173	11/18/1997	Kitahara et al.	. 4
	11	5,729,533	03/17/1998	Marquardt	
	1J	5,748,607	05/05/1998	Ohira et al.	120
	1K	5,751,671	05/12/1998	Koike et al.	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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Sheet 2 of 4

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EXAMINET INITIAL	R	DOCUMENT NUMBER	PUBLICATION DATE		NAME		Pages, Colum Relevant Passage	ns, Lines Whe s or Figures Ap	
	1A	5,781,221	07/14/1998	We	en et al.				
	1B	5,766,495	06/16/1998	Par	ette				
	1C	5,846,131	12/08/1998	Kit	ahara				-
	1D	5,875,156	02/23/1999	Ito	et al.				
	1E	5,915,858	06/29/1999	We	en .	- ·			
	1F	5,949,752	09/07/1999	Gly	nn et al.		t		
	1G	5,958,651	09/28/1999	Va	n Hoof et al.				
	1H	5,967,676	10/19/1999	Cu	tler et al.				
,	11	5,997,976	12/07/1999	Mu	eller et al.		,		
	1J	6,019,151	02/01/2000	· We	en et al.				:
						-			
	1K	6,034,930	PUBLICATION	REIGN	PATENT DOCUME	F	Pages/Columns/Lin		Transl
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Rev 10/03 (PTO1449)

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U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE NAME Pages, Columns, Lines When the Column Pages of Figures A 1A 6,102,800 08/15/2000 Kitahara et al. 1B 6,104,677 08/15/2000 Kirihara et al.	
DOCUMENT NUMBER PUBLICATION NAME Pages, Columns, Lines When Pages, Columns,	
INITIAL NUMBER DATE NAME Relevant Passages or Figures A 1A 6,102,800 08/15/2000 Kitahara et al. 1B 6,104,677 08/15/2000 Kirihara et al.	
1B 6,104,677 08/15/2000 Kirihara et al.	
1C 6,124,011 09/26/2000 Kern	
	•
1D 6,160,789 12/12/2000 Abraham	4,
1E 6,202,550 03/20/2001 Lee et al.	
1F 6,264,295 07/24/2001 Bradshaw et al.	
1G 6,270,176 08/07/2001 Kahle	٠.
1H 6,384,929 05/07/2002 Miller	17.1
11 6,386,667 05/14/2002 Cariffe	• •
1J 6,403,191 06/11/2002 Casagrande	11.
1K 6,440,248 08/27/2002 Mueller	
FOREIGN PATENT DOCUMENTS	r.
DOCUMENT PUBLICATION NAME OF PATENTEE Pages/Columns/Lines Where NUMBER DATE OR APPLICANT Relevant Passages/Figures Appear	Ch Tran atta
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	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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Rev 10/03 (PTO1449)

PATENT APPLICATION

Sheet 4 of 4

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REFERENCE DESIGNATION

Rev 10/03 (PTO1449)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	6,469,969	10/22/2002	Carson et al.	4
	1B	6,074,031	06/13/2000	Kahle	
	1C	2002/0191517	12/19/2002	Honda et al.	
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FOREIGN PATENT DOCUMENTS

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